

# DATA SHEET

**T76/38/13**

**Ferrite for particle accelerators**

Product specification  
Supersedes data of 1996 Jun 26  
File under Ferrite Ceramics, MA01

2000 Apr 20

Ferrite for particle accelerators

T76/38/13

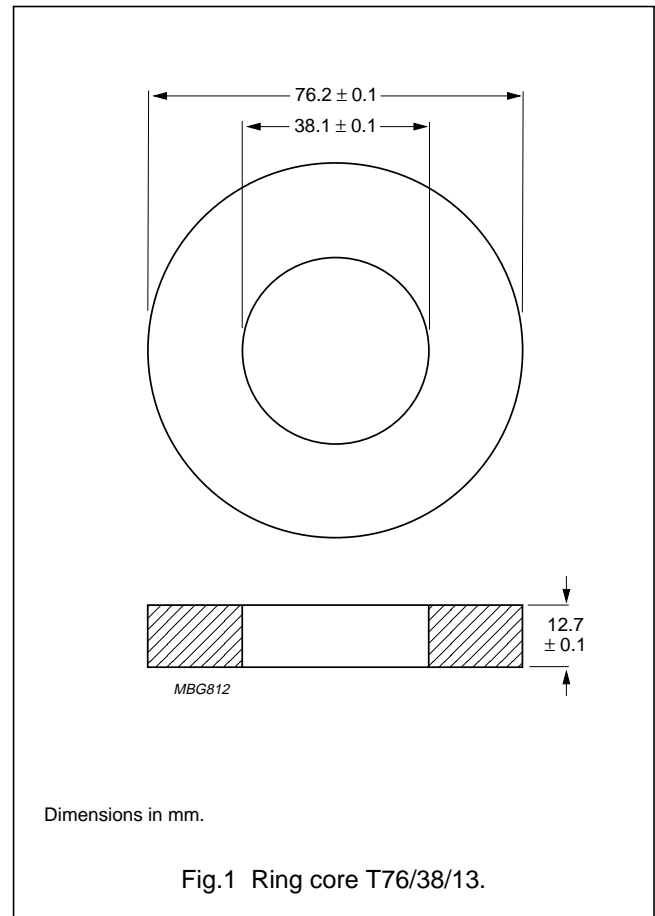
RING CORES (TOROID)

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma(I/A)$	core factor (C1)	0.716	mm <sup>-1</sup>
$V_e$	effective volume	38500	mm <sup>3</sup>
$l_e$	effective length	166	mm
$A_e$	effective area	232	mm <sup>2</sup>
	mass	≈220	g

Ring core data

GRADE	$A_L$ (nH)	TYPE NUMBER
4M2	≈250	T76/38/13-4M2
8C11	≈2000	T76/38/13-8C11
8C12	≈1600	T76/38/13-8C12



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## DATA SHEET STATUS DEFINITIONS

DATA SHEET STATUS	PRODUCT STATUS	DEFINITIONS
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Product specification	Production	This data sheet contains final specifications. Philips Components reserves the right to make changes at any time without notice in order to improve design and supply the best possible product.

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## PRODUCT STATUS DEFINITIONS

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